

## Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

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1           1. (currently amended) A method for processing a voice call over an Internet by  
2   an Internet telephone set for used in a home environment, the Internet phone set  
3   having an Internet interface device and a wireless device, the method comprising the  
4   steps of:

5           receiving, by the Internet interface device, a signal from a cable network, the  
6   signal representing Internet protocol data packets of the voice call and being both  
7   modulated in a first format and compressed to match a format of the cable network;

8           demodulating, by the Internet interface device, the signal modulated in the first  
9   format;

10          decompressing, by the Internet interface device, the demodulated signal;

11          compressing, by the Internet interface device, the decompressed signal into a  
12   format of a home environment;

13          modulating, by the Internet interface device, the compressed signal into a  
14   second format;

15          wirelessly transmitting, by the Internet interface device, the signal modulated in  
16   the second format to the wireless device; and

17          demodulating and decompressing the signal modulated in the second format in  
18   the wireless device.

1           2. (original) The method of claim 1, wherein the first format is H.323 compliant.

1           3. (original) The method of claim 1, wherein the first format comprises a same  
2 modulation scheme as the second format.

1           4. (original) The method of claim 1, wherein the first format comprises a different  
2 modulation scheme as the second format.

1           5. (currently amended) An Internet telephone set for used in a home  
2 environment for processing a voice call over an Internet, comprising:

3           means for receiving, demodulating and decompressing a signal representing  
4 Internet protocol data packets of the voice call, the signal being received from a cable  
5 network, modulated in a first format and compressed in a format of the cable network;

6           means for modulating the signal into a second format and compressing the  
7 signal into a format of a home environment for wireless transmission of the modulated  
8 and compressed signal; and

9           a wireless device including means for demodulating and decompressing the  
10 signal for completion of the voice call.

1           6. (previously presented) The Internet phone of claim 5, wherein the first format  
2 is H.323 compliant.

1           7. (previously presented) The Internet phone of claim 5, wherein the first format  
2 comprises a same modulation scheme as the second format.

1           8. (previously presented) The Internet phone of claim 5, wherein the first format  
2 comprises a different modulation scheme as the second format.

1           9. (new) The Internet phone of claim 5, wherein an interface between the  
2 modulating and compressing means and the wireless device is a cordless telephone  
3 interface.

1           10. (new) The Internet phone of claim 9, wherein the cordless telephone  
2 interface is analog.

1           11. (new) The Internet phone of claim 10, wherein the analog cordless telephone  
2 interface is CT-1 compliant.

1           12. (new) The Internet phone of claim 9, wherein the cordless telephone  
2 interface is digital.

1           13. (new) The method of claim 1, wherein an interface between the Internet  
2 interface device and the wireless device is a cordless telephone interface.

1           14. (new) The method of claim 13, wherein the cordless telephone interface is  
2 analog.

1           15. (new) The method of claim 14, wherein the analog cordless telephone  
2 interface is CT-1 compliant.

1           16. (new) The method of claim 13, wherein the cordless telephone interface is  
2 digital.

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